

4 at least one location within said environment; and  
5 associating said at least one performance metric with descriptive information  
6 selected from the group consisting of text strings and icons.

1 Claim 45 (new). The method of claim 44 wherein said performance metric is selected  
2 from the group consisting of RSSI, SNR, SIR, Ec/Io, number of retries, throughput,  
3 bandwidth, quality of service, bit error rate, packet error rate, frame error rate,  
4 dropped packet rate, packet latency, round trip time, propagation delay, transmission  
5 delay, processing delay, queuing delay, network capacity, packet jitter, bandwidth  
6 delay product, and handoff delay time.

2 Claim 46 (new). The method of claim 44 wherein a site specific location in said  
environment is identified by at least one of said text strings.

1 Claim 47 (new). The method of claim 44 wherein a site specific location in said  
2 environment is identified by at least one of said icons.

1 Claim 48 (new). The method of claim 44 wherein said descriptive information is  
2 obtained from one or more predefined sets of text strings.

1 Claim 49 (new). The method of claim 48 further comprising the step of revising at  
2 least one of said one or more predefined sets of text strings.

1 Claim 50 (new). The method of claim 44 wherein said descriptive information is  
2 obtained from one or more predefined sets of icons.

1 Claim 51 (new). The method of claim 50 further comprising the step of revising at  
2 least one of said one or more predefined sets of icons.

1 Claim 52 (new). The method of claim 44 further comprising the step of storing said  
2 at least one performance metric and said descriptive information which are associated  
3 in said associating step.

1 Claim 53 (new). The method of claim 52 wherein at least one of said steps of  
2 obtaining, associating and storing are performed on a server computer.

1 Claim 54 (new). The method of claim 52 wherein at least one of said steps of  
2 obtaining, associating and storing are performed on a client computer.

1 Claim 55 (new). The method of claim 52 wherein said steps of obtaining, associating  
2 and storing are performed using both a client and a server computer.

1 Claim 56 (new). The method of claim 44 further comprising the step of displaying  
2 said at least one performance metric and said descriptive information on a site  
3 specific computer representation of said environment.

1 Claim 57 (new). The method of claim 52 further comprising the step of evaluating  
2 stored information stored in said storing step with respect to at least one of:  
3 prior information pertaining to said at least one performance metric for said  
4 communications network at said at least one location within said environment  
5 obtained at a time prior to said obtaining step being performed, and  
6 related information pertaining to said at least one performance metric for  
7 different communications network.

1 Claim 58 (new). The method of claim 44 wherein said obtaining step includes the  
2 step of measuring said at least one performance measurement.

1 Claim 59 (new). A system for conducting a site survey for a communications

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2 network which is or will be deployed in an environment, comprising:  
 3 at least one computer;  
 4 an input for inputting into said at least one computer at least one performance  
 5 metric for said communications network at at least one location within said  
 6 environment, and  
 7 at least one of a computer program operating on said at least one computer or  
 8 at least one measurement device operating with said at least one computer which  
 9 associates said at least one performance metric with descriptive information selected  
 10 from the group consisting of text strings and icons.

1 Claim 60 (new). The system of claim 59 wherein said performance metric is selected  
 2 from the group consisting of RSSI, SNR, SIR, Ec/Io, number of retries, throughput,  
 3 bandwidth, quality of service, bit error rate, packet error rate, frame error rate,  
 4 dropped packet rate, packet latency, round trip time, propagation delay, transmission  
 5 delay, processing delay, queuing delay, network capacity, packet jitter, bandwidth  
 6 delay product, and handoff delay time.

1 Claim 61 (new). The system of claim 59 wherein a site specific location in said  
 2 environment is identified by at least one of said text strings.

1 Claim 62 (new). The system of claim 59 wherein a site specific location in said  
 2 environment is identified by at least one of said icons.

1 Claim 63 (new). The system of claim 59 wherein said descriptive information is  
 2 obtained from one or more predefined sets of text strings.

1 Claim 64 (new). The system of claim 63 wherein the at least one computer is  
 2 configured to allow revision of at least one of said one or more predefined sets of text  
 3 strings.

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1 Claim 65 (new). The system of claim 59 wherein said descriptive information is  
2 obtained from one or more predefined sets of icons.

1 Claim 66 (new). The system of claim 65 wherein the at least one computer is  
2 configured to allow revision of at least one of said one or more predefined sets of  
3 icons.

1 Claim 67 (new). The system of claim 59 further comprising a storage medium for  
2 storing said at least one performance metric and said descriptive information which  
3 are associated by said at least one of a computer program operating on said at least  
4 one computer or at least one measurement device operating with said at least one  
5 computer.

1 Claim 68 (new). The system of claim 59 wherein at least one computer includes at  
2 least a client and a server computer, and wherein said server computer is used to  
3 perform at least one of the functions of inputting, associating, and storing said at least  
4 one performance metric and said descriptive information.

1 Claim 69 (new). The system of claim 59 wherein at least one computer includes at  
2 least a client and a server computer, and wherein said client computer is used to  
3 perform at least one of the functions of inputting, associating, and storing said at least  
4 one performance metric and said descriptive information.

1 Claim 70 (new). The system of claim 59 wherein at least one computer includes at  
2 least a client and a server computer, and wherein both said client and said server  
3 computer are used to perform the functions of inputting, associating, and storing said  
4 at least one performance metric and said descriptive information.

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1 Claim 71 (new). The system of claim 59 further comprising a display for displaying  
2 said at least one performance metric and said descriptive information on a site  
3 specific computer representation of said environment.

1 Claim 72 (new). The system of claim 67 wherein said at least one computer is  
2 configured to allow evaluation of at least one of:

3 prior information pertaining to said at least one performance metric for said  
4 communications network at said at least one location within said environment  
5 obtained at a time prior to said obtaining step being performed, and

6 related information pertaining to said at least one performance metric for  
7 different communications networks.

1 Claim 73 (new). The system of claim 59 further comprising a measuring device  
2 connected to or in communication with said at least one computer for measuring said  
3 at least one performance measurement.

1 Claim 74 (new). The system of claim 73 wherein said at least one computer includes  
2 a plurality of computers which are transportable within said environment.

1 Claim 75 (new). A method for surveying performance metrics or quality  
2 measurements of equipment or inventory which are spatially distributed, comprising  
3 the steps of:

4 obtaining at least one performance metric or quality measurement for said  
5 equipment or inventory at at least one location within said environment;

6 associating said at least one performance metric or quality measurement with  
7 descriptive information selected from the group consisting of text strings and icons;  
8 and

9 storing said at least one performance metric or quality measurement and said  
10 descriptive information which are associated in said associating step.

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1 Claim 76 (new). The method of claim 75 wherein said equipment or inventory are  
2 selected from the group consisting of real estate, furniture, heating/air conditioning,  
3 infrastructure, plumbing, cabling, communication equipment, vehicles, and military  
4 property.

1 Claim 77 (new). The method of claim 75 wherein said obtaining step is performed  
2 with one or more client or server computers.

1 Claim 78 (new). The method of claim 75 wherein said obtaining step obtains at least  
2 one quality measurement selected from the group consisting of paint quality, furniture  
3 condition, dwelling condition, pipe or valve condition, physical appearance, and  
4 usefulness of a dwelling, vehicle, or communications network.

1 Claim 79 (new). The method of claim 75 wherein said obtaining step obtains at least  
2 one performance metric selected from the group consisting of RSSI, SNR, SIR,  $E_c/I_o$ ,  
3 number of retries, throughput, bandwidth, quality of service, bit error rate, packet  
4 error rate, frame error rate, dropped packet rate, packet latency, round trip time,  
5 propagation delay, transmission delay, processing delay, queuing delay, network  
6 capacity, packet jitter, bandwidth delay product, handoff delay time, temperature,  
7 pressure, flow rate, and stress.

1 Claim 80 (new). A system for surveying performance metrics or quality  
2 measurements of equipment or inventory which are spatially distributed, comprising:  
3 at least one computer;  
4 an input for inputting into said at least one computer at least one performance  
5 metric or quality measurement for said equipment or inventory at at least one location  
6 within said environment;

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at least one of a computer program operating on said at least one computer or at least one measurement device operating with said at least one computer which associates said at least one performance metric or quality measurement with descriptive information selected from the group consisting of text strings and icons; and

a storage medium for storing said at least one performance metric or quality measurement and said descriptive information which are associated by said at least one of a computer program operating on said at least one computer or at least one measurement device operating with said at least one computer.

Claim 81 (new). The system of claim 80 wherein said equipment or inventory are selected from the group consisting of real estate, furniture, heating/air conditioning, infrastructure, plumbing, cabling, communication equipment, vehicles, and military property.

Claim 82 (new). The system of claim 80 wherein said at least one computer includes at least one client computer and at least one server computer.

Claim 83 (new). The system of claim 80 wherein said input inputs at least one quality measurement selected from the group consisting of paint quality, furniture condition, dwelling condition, pipe or valve condition, physical appearance, and usefulness of a dwelling, vehicle, or communications network.

Claim 84 (new). The system of claim 80 wherein said input inputs at least one performance metric selected from the group consisting of RSSI, SNR, SIR, Ec/Io, number of retries, throughput, bandwidth, quality of service, bit error rate, packet error rate, frame error rate, dropped packet rate, packet latency, round trip time, propagation delay, transmission delay, processing delay, queuing delay, network capacity, packet jitter, bandwidth delay product, handoff delay time, temperature,

7 pressure, flow rate, and stress.

1 Claim 85 (new). A system for visualizing a spatially distributed group of objects or  
2 networks, comprising:

3 at least one computer;

4 an input for inputting measurement information selected from the group  
5 consisting of measured performance metrics and quality measures into said at least  
6 one computer;

7 at least one of a computer program operating on said at least one computer or  
8 at least one measurement device operating with said at least one computer which  
9 associates said at least one performance metric with descriptive information selected  
10 from the group consisting of text strings and icons, wherein said text string and icons  
11 are selected from a predefined set;

12 an environmental database model operating in conjunction with said at least  
13 one computer; and

14 a display for displaying at least one of said measurement information and said  
15 descriptive information with at least a portion of said environmental database model.

1 Claim 86 (new). The system of claim 85 wherein said measurement information and  
2 said descriptive information pertains to a specific location in said environmental  
3 database model and said display displays said at least one of said measurement  
4 information and said descriptive information at said specific location in said  
5 environmental database model.

#### REMARKS

The amendments to the specification add background information, and correct spelling and grammatical errors. No new matter has been introduced.

Claims 44-86 have been added by amendment. A check in the amount of \$597 is attached to satisfy the cost for the additional independent and dependent claims. If any additional fees are required to enter this amendment, the Commissioner is authorized to charge attorney's deposit account 50-2041 (Whitham, Curtis & Christofferson, P.C.).

Please proceed to examination on the merits.

Respectfully submitted,



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